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| 4 | TRANSMITTAL LETTE | R | Case No. 10322/31 |
| MACHENO. | Filing Date | Examiner | Group Art Unit |
| 10/047,469 | January 15, 2002 | Not yet assigned | 2817 |
| Inventor(s) | | | |
| J. Gary Eden et al. | | | |
| Title of Invention | | | |
| MICRODISCHARGE D | EVICES AND ARRAYS HAVING TA | PERED MICROCAVITIES | |

| Title of Invention MICRODISCHARGE DEVICES AND ARRAYS HAVING TAPERED MICROCAVITIES | | | | | | | | | | |
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| TO THE COMMISSIONER FOR PATENTS | | | | | | | | | | |
| Transmitted herewith is <u>Transmittel Cover Letter (1p. Filed in Dup.)</u> ; <u>Supplemental Information Disclosure</u> Statement (1p. Filed in Dup.); Form PTO 1449 (1p.); 3 cited references; and PTO Reply Postcard. | | | | | | | | | | |
| | Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted. | | | | | | | | | |
| | Applicant claims small entity status. See 37 CFR1.27. | | | | | | | | | |
| | Petition for amonth extension of time. | | | | | | | | | |
| \boxtimes | No additional fee is required. | | | | | | | | | |
| | The fee has be | en calculate | d as shown below: | : | | | | | | |
| | Other Than Small Entity Small Entity | | | | | | | | | |
| | Claims Remaining After Amendment | | Highest No. Previously Paid For | Present Extra | | Rate | Add'I Fee | or | Rate | Add'I Fee |
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| First Pre | First Presentation of Multiple Dep. Claim + \$140 = + \$280 ≈ | | | | | | | | | |
| | | | | | | Total add'l fee | \$ | | Total add'l fee | \$ |
| Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$ A duplicate copy of this sheet is enclosed. | | | | | | | | | | |
| | A check in the amount of \$ to cover the filing fee is enclosed. | | | | | | | | | |
| The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A deplicate copy of this sheet is enclosed. | | | | | | | | | | |
| I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23.1925. A duplicate copy of this sheet is enclosed. | | | | | | | | | | |
| Respectivity sebmited, Anthony P, Curtis, PhD. Registration No. 46,193 Agent for Applicant | | | | | | | | | | |
| RRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, ILLINOIS 60610 (312) 321-4200 | | | | | | | | | | |
| I herety centry that this correspondence is being deposited with the United States Postal Service as first claim mails, with sufficient printings, or an enversion additionable to Commissioner for Platens, P.O. Box 1450, Alexandro, V. 92. 373.1 5.50, on May 23, 2003. | | | | | | | | | | |

CERTIFICATE OF MAILING

certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope, with sufficient postage, addressed to: Commissioner for Patents. Alexandria, VA 22313-1450, on

May 21, 2003 Date of Deposit

Anthony P. Curtis, Ph.D., Reg. No. 46,193 Name of Applicant, Assignee or

Redistered Representative

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Date of Signature

Our Case No : 10322/31

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE.

Examiner: Not yet assigned

Group Art Unit No.: 2817

In re Application of:

J. Gary Eden et al.

Serial No.: 10/047,469

Filing Date: January 15, 2002

For:

MICRODISCHARGE DEVICES AND ARRAYS HAVING TAPERED

MICROCAVITIES

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Alexandra, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed below and on the attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

The references now cited are the following:

| - { | No. | Date | Name |
|-----|-----------|------------------|-------------------|
| - [| 6,139,384 | October 31, 2000 | DeTemple et al. |
| | 6,082,294 | July 4, 2000 | Simpson |
| ſ | 5,939,829 | August 17, 1999 | Schoenbach et al. |

In accordance with 37 C.F.R. § 1.97(g),(h), this Supplemental Information

Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Supplemental Information Disclosure Statement is being filed prior to the receipt of the first Official Action reflecting an examination on the merits and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with filing of this Supplemental Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925. A duplicate copy of this document is enclosed.

Applicant(s) respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

Anthony P. Curtis, Ph.D. Registration No. 46,193 Agent for Applicant(s)

BRINKS HOFER GILSON & LIONE P.O. Box 10395 Chicago, IL 60610 (312) 321-4200

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| FORM 10-1449 | SERIAL NO. | CASE NO. |
| | 10/047,469 | 10322/31 |
| LIST OF PATENTS AND PUBLICATIONS FOR | FILING DATE | GROUP ART UNIT |
| APPLICANT'S INFORMATION DISCLOSURE STATEMENT | January 15, 2002 | 2817 |
| (use several sheets if necessary) | APPLICANT(S): J. Gary Eden e | t al. |

| REFERENCE | DESIG | NATION U.S. | PATENT DOC | UMENTS | | |
|---------------------|-------|---|------------|-------------------|--------------------|--|
| EXAMINER INITIAL | | DOCUMENT NUMBER Number-Kind Code (If known) | DATE | NAME | CLASS/ SUBCLASS | FILING DATE |
| | B1 | 6,139,384 | 10/31/2000 | DeTemple et al. | | |
| | B2 | 6,082,294 | 07/04/2000 | Simpson | | |
| | B3 | 5,939,829 | 08/17/1999 | Schoenbach et al. | | |
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FOREIGN PATENT DOCUMENTS

| TORLIGHTATENT DOCUMENTS | | | | | | |
|-------------------------|--|---|------|---------|--|--------------------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER Number-Kind Code (if known) | DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION YES OR NO |
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| EXAMINER | OTHER ART – NON PATENT LITERATURE DOCUMENTS |
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| INITIAL | (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, |
| | symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published. |
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Rev. Dec.-99 Document17